

What is claimed is:

1 A data distribution system comprising:

5 a mobile information table for storing reference
required time periods which are references of
required time periods required when a radio terminal
moves to a destination that is a place of a
10 destination of movement from departure places which
are origins of the movement, respectively, and that
is a place where utilization of information
distributed in advance is conducted by means of the
radio terminal, in accordance with mobile means which
is used for movement;

15 movement specifying means for specifying departure places
and destinations stored in this mobile information
table in accordance with a movement schedule together
with starting date and hour of the movement and the
mobile means;

20 error calculating means for calculating an error in time
for date and hour which is a reference when the radio
terminal arrives at the respective destinations,
based on information specified by this movement
specifying means;

25 data distribution plan information generating means for
obtaining date and hour when the radio terminal

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arrives at a destination from the respective
departure places using the mobile means specified by
said movement specifying means by correcting an error
calculated by the error calculating means from the
date and hour in case of using the reference required
time periods, as date and hour when it arrives at the
destination most quickly within a range of the error;
arrival time point detecting means for comparing arrival
date and hour corrected for each destination, which
is generated by this data distribution plan
information generating means, with current date and
hour, and detecting a time point when said radio
terminal arrives at the respective destinations;
distribution data storing means for storing a data to be
distributed to said radio terminal for every
destination; and
distribution data distributing means for distributing a
distribution data corresponding to a destination from
the distribution data storing means every time said
arrival time point detecting means detects arrival of
said radio terminal at the respective destinations.

2 A data distribution system recited in claim 1, the data
distribution system further comprises;
an error table for representing a standard error of

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dispersion in time of arrival from a departure place
to a destination in accordance with the mobile means,
and

a coefficient table for storing variation coefficients of
an error in date and hour at departure; and

wherein said error calculating means calculates an error
by multiplying a corresponding error described in the
error table by the variation coefficients of an error in
date and hour at departure.

3 A data distribution system recited in claim 2, wherein
said variation coefficients of an error in said date and
hour are different from each other dependent upon a day.

4 A data distribution system recited in claim 1, said
data distribution system further comprises an
overwrite means for overwriting the distribution data
distributed when the said radio terminal arrived at a
previous destination by the distribution data
distributed when the above-mentioned radio terminal
arrived at the new destination.

5 A data distribution system recited in claim 1, wherein
said mobile information table is suitably updated by
means of the newest information.

6 A data distribution system comprising:

based on longitude and latitude representing a typical
position in destinations that are places where
utilization of information distributed in advance is
conducted by means of a radio terminal, and areas of
those destinations, a longitude and latitude table
for contrasting errors between said typical position
and other positions in the destinations and storing
them;

destination specifying means for specifying destinations
stored in this longitude and latitude table;
longitude and latitude measuring means for measuring
longitude and latitude at respective time points
during movement of said radio terminal;

arrival time point detecting means for detecting a time
point when a position measured by the longitude and
latitude measuring means arrives within a range of
said errors centering around said typical position of
a corresponding destination stored in said longitude
and latitude table, when said radio terminal moves to
a destination specified by said destination
specifying means;

distribution data storing means for storing a data to be
distributed to said radio terminal for every

destination; and
distribution data distributing means for distributing a
distribution data corresponding to a destination from
the distribution data storing means every time said
5 arrival time point detecting means detects arrival of
said radio terminal at the respective destinations.

10 7 A data distribution system recited in claim 6, said
data distribution system further comprises an
overwrite means for overwriting the distribution data
distributed when the said radio terminal arrived at a
previous destination by the distribution data
distributed when the above-mentioned radio terminal
arrived at the new destination.

15 8 A data distribution system comprising:
a mobile information table for storing reference required
time periods which are references of required time
periods required when a radio terminal moves to a
20 destination that is a place of a destination of
movement from departure places which are origins of
the movement, respectively, and that is a place where
utilization of information distributed in advance is
conducted by means of the radio terminal, in
25 accordance with mobile means which is used for

movement;

movement specifying means for specifying departure places
and destinations stored in this mobile information
table in accordance with a movement schedule together
5 with starting date and hour of the movement and the
mobile means;

longitude and latitude measuring means for measuring
longitude and latitude at respective time points
during movement of said radio terminal;

10 error calculating means for successively calculating an
error in time for date and hour which is a reference
when the radio terminal arrives at a destination by
comparing measurement values of this longitude and
latitude measuring means with each other;

15 data distribution plan information generating means for
obtaining date and hour when the radio terminal
arrives at a destination from the respective
departure places using the mobile means specified by
said movement specifying means by correcting an error
20 calculated by the error calculating means from the
date and hour in case of using the reference required
time periods, as date and hour when it arrives at the
destination most quickly within a range of the error;

arrival time point detecting means for comparing arrival
25 date and hour corrected for each destination, which

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is generated by this data distribution plan
information generating means, with current date and
hour, and detecting a time point when said radio
terminal arrives at the respective destinations;

5 distribution data storing means for storing a data to be
distributed to said radio terminal for every
destination; and

10 distribution data distributing means for distributing a
distribution data corresponding to a destination from
the distribution data storing means every time said
arrival time point detecting means detects arrival of
said radio terminal at the respective destinations.

15 9 A data distribution system recited in claim 8, said
data distribution system further comprises an
overwrite means for overwriting the distribution data
distributed when the said radio terminal arrived at a
previous destination by the distribution data
distributed when the above-mentioned radio terminal
20 arrived at the new destination.

25 10 A data distribution system recited in claim 8, wherein
said mobile information table is suitably updated by
means of the newest information.